



REMOTE CONTROLLER

OWNER'S MANUAL

KV07WR-ARF31B

KV09WR-ARF31B

KV12WR-ARF31B

IMPORTANT NOTE:

Read this manual carefully before installing or operating your new air conditioning unit. Make sure to save this manual for future reference.

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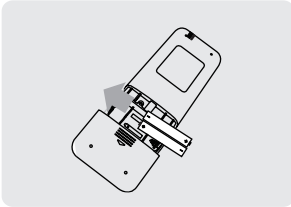
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Remote Controller Specifications

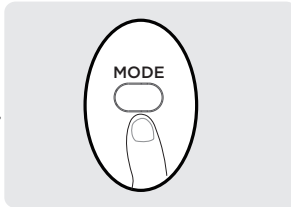
Model	RG51G8(2)/EF, RG51G8(2)/CEF RG51G8(2)/EFU1, RG51G8(2)/CEFU1
Rated Voltage	3.0V(Dry batteries R03/LR03×2)
Signal Receiving Range	8m
Environment	-5°C~60°C(23°F~140°F)

Quick Start Guide

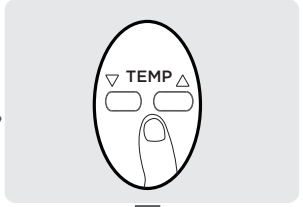
1 FIT BATTERIES



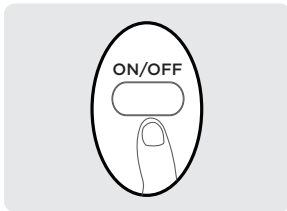
2 SELECT MODE



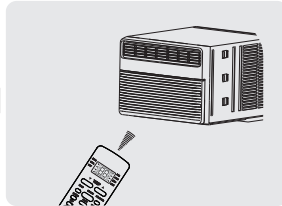
3 SELECT TEMPERATURE



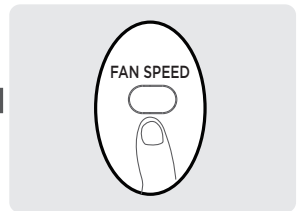
6 PRESS POWER BUTTON



5 POINT REMOTE TOWARD UNIT



4 SELECT FAN SPEED



NOT SURE WHAT A FUNCTION DOES?

Refer to the **How to Use Basic Functions** and **How to Use Advanced Functions** sections of this manual for a detailed description of how to use your air conditioner.

SPECIAL NOTE

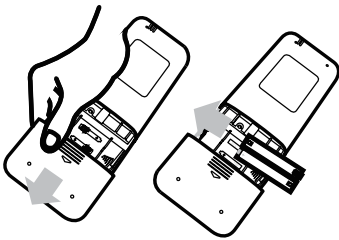
- Button designs on your unit may differ slightly from the example shown. If the indoor unit does not have a particular function, pressing that function's button on the remote control will have no effect.
- When there are wide differences between "Remote control Manual" and "USER'S MANUAL" on function description, the description of "USER'S MANUAL" shall prevail.

Handling the Remote Controller

Inserting and Replacing Batteries

Your air conditioning unit may come with two batteries (some units). Put the batteries in the remote control before use.

1. Slide the back cover from the remote control downward, exposing the battery compartment.
2. Insert the batteries, paying attention to match up the (+) and (-) ends of the batteries with the symbols inside the battery compartment.
3. Slide the battery cover back into place.



Remote Control

- Direct sunlight can interfere with the infrared signal receiver.
- There must be a clear line of sight between the remote and the appliance.
- If the signals from the remote control happen to control another appliance, move the appliance to another location or contact customer service.

! Battery Disposal

- Do not dispose of batteries as unsorted municipal waste. Refer to local laws for proper disposal of batteries.
- Batteries may have a chemical symbol at the bottom of the disposal icon. This chemical symbol means that the battery contains a heavy metal that exceeds a certain concentration.
- An example is Pb : Lead (>0.004%). Appliances and used batteries must be treated in a specialized facility for reuse, recycling and recovery. By ensuring correct disposal, you will help avoid possible negative consequences for the environment and human health.



Battery Performance

For optimal product performance:

- Do not mix old and new batteries, or batteries of different brands.
- Do not leave batteries in the remote control if you don't plan on using the device for more than 2 months.

Notes For Using Remote Control

The device could comply with the local national regulations.

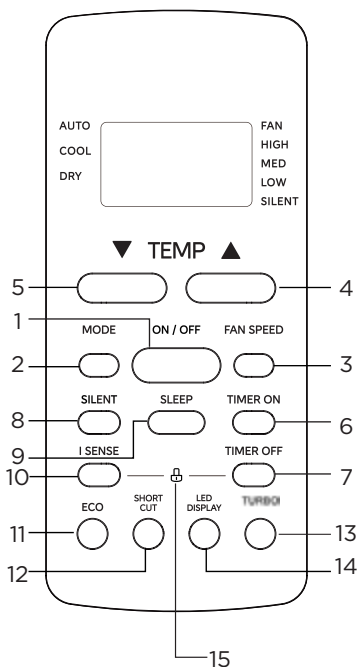
- In Canada, it should comply with CAN ICES-3(B)/NMB-3(B).
- In USA, this device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:
 - (1) This device may not cause harmful interference, and
 - (2) This device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures :

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.
- Changes or modifications not approved by the party responsible for compliance could void user's authority to operate the equipment.

Buttons and Functions

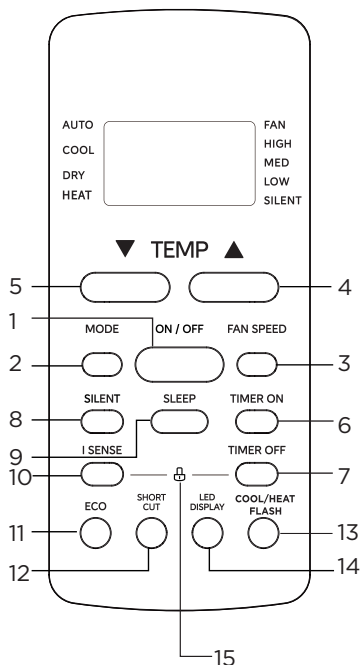
Before you begin using your new air conditioner, make sure to familiarize yourself with its remote control. The following is a brief introduction to the remote control itself. For instructions on how to operate your air conditioner, refer to the **How to Use Basic Functions** section of this manual.



Model: RG51G8(2)/CEF
RG51G8(2)/CEFU1

Description

- 1 **ON/OFF:** Turn the unit on or off.
- 2 **Mode:** AUTO > COOL > DRY> FAN
- 3 **FAN SPEED:** Selects fan speeds in the following order: AUTO→SILENT→LOW→MED→HIGH
NOTE: For some models, the Low fan speed light will illuminate in SILENT fan speed.
- 4 **Temp ▲:** Increases temperature in 1°C (1°F) increments. Max. temperature is 30°C (86°F).
NOTE: Press together ▲ & ▼ buttons at the same time for 3 seconds will alternate the temperature display between the °C & °F
- 5 **Temp ▼:** Decreases temperature in 1°C (1°F) increments. Min. temperature is 16°C (60°F).
- 6 **TIMER ON:** Set timer to turn unit on .
- 7 **TIMER OFF:** Set timer to turn unit off .
- 8 **SILENT:** Press this button to activate/disable the Silent function.
- 9 **SLEEP:** Used to save energy during sleeping hours.
- 10 **I SENSE:** Used to start/stop I SENSE function.
- 11 **ECO:** Starts and stops the energy saving operation.
- 12 **SHORT CUT:** Sets and activates your favorite pre-settings.
- 13 **TURBO:** Enables unit to reach preset temperature in shortest possible time when in cool mode.
- 14 **LED DISPLAY:** Turns LED display & air conditioner buzzer on and off.
- 15 **Lock:** Press together these two buttons simultaneously for 5 seconds to lock the keyboard. Press together these two buttons for 2 seconds to unlock the keyboard.



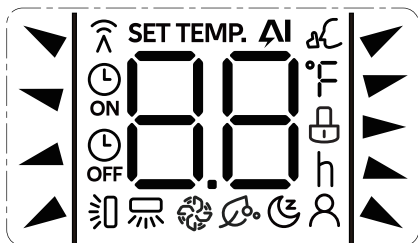
Model: RG51G8(2)/EF,
RG51G8(2)/EFU1,

Description

- 1 **ON/OFF:** Turn the unit on or off.
- 2 **Mode:** AUTO > COOL > DRY> HEAT> FAN
- 3 **FAN SPEED:** Selects fan speeds in the following order:
AUTO→SILENT→ LOW→MED→ HIGH
NOTE: For some models, the Low fan speed light will illuminate in SILENT fan speed.
- 4 **Temp ▲:** Increases temperature in 1°C (1°F) increments. Max. temperature is 30°C (86°F).
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- 7 **TIMER OFF:** Set timer to turn unit off .
- 8 **SILENT:** Press this button to activate/disable the Silent function.
- 9 **SLEEP:** Used to save energy during sleeping hours.
- 10 **I SENSE:** Used to start/stop I SENSE function.
- 11 **ECO:** Starts and stops the energy saving operation.
- 12 **SHORT CUT:** Sets and activates your favorite pre-settings.
- 13 **COOL/HEAT FLASH:** Enables unit to reach preset temperature in shortest possible time.
- 14 **LED DISPLAY:** Turns LED display & air conditioner buzzer on and off.
- 15 **Lock:** Press together these two buttons simultaneously for 5 seconds to lock the keyboard. Press together these two buttons for 2 seconds to unlock the keyboard.

Remote Screen Indicators

Information is displayed when the remote controller is power up.



Mode display

AUTO  COOL  DRY 
HEAT  FAN

Note: Auto and Heat mode are only applicable to the Cooling & Heating models only.

-  Displayed when data transmitted
-  Displayed when Silent Feature.
-  Displayed when TIMER ON time is set
-  Displayed when TIMER OFF time is set
-  Shows set temperature or room temperature, or time under TIMER setting
-  Indicated the current settings are locked
-  Displayed when ECO feature is activated (On Some models)
-  Horizontal louver swing feature display
-  Vertical louver swing feature display
-  Turbo feature display
-  Fresh feature display
-  Displayed when I SENSE feature is activated
-  Displayed when SLEEP feature is activated

Fan speed indication

- | | |
|------------|----------------|
| ▶ HIGH | High speed |
| ▶ MED | Medium speed |
| ▶ LOW | Low speed |
| ▲ SILENT | Silent wind |
| NO display | Auto fan speed |

Note:

All indicators shown in the figure are for the purpose of clear presentation. But during the actual operation, only the relative function signs are shown on the display window.

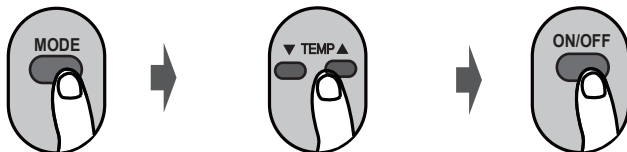
How to Use Basic Functions

NOTE

Before operation, please ensure the unit is plugged in and power is available.

AUTO Mode

Select AUTO mode Set your desired temperature Turn on the air conditioner

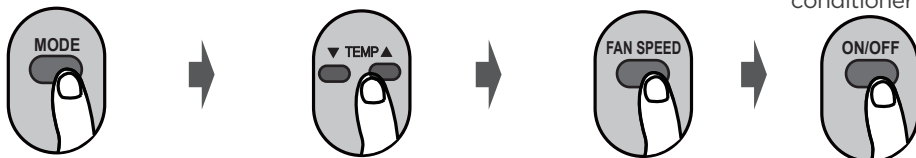


Note:

1. In AUTO mode, the unit will automatically select the COOL, FAN, or HEAT function based on the selected temperature.
2. In AUTO mode, fan speed cannot be set.

COOL or HEAT Mode

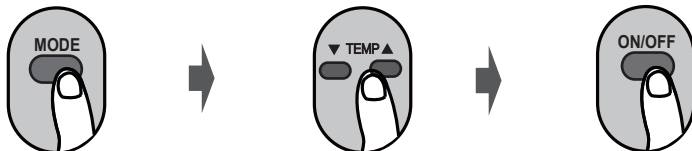
Select COOL/HEAT mode Set the temperature Set the fan speed Turn on the air conditioner



Note: Heat mode is only applicable to the Cooling & Heating models only.

DRY Mode

Select DRY mode Set your desired temperature Turn on the air conditioner



Note: In DRY mode, fan speed cannot be set since it has already been automatically controlled.

FAN Mode

Select FAN mode Set the fan speed Turn on the air conditioner



Note: In FAN mode, you can't set the temperature. As a result, no temperature is displayed on the remote's screen.

Setting the TIMER

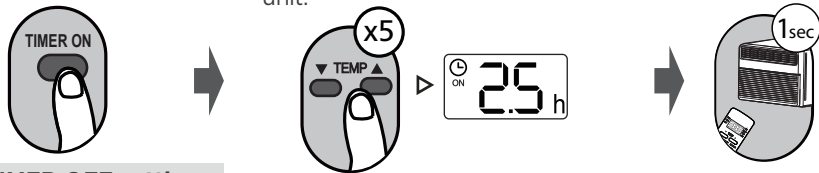
TIMER ON/OFF - Set the amount of time after which the unit will automatically turn on/off.

TIMER ON setting

Press TIMER ON button to initiate the ON time sequence.

Press Temp. up or down button for multiple times to set the desired time to turn on the unit.

Point remote to unit and wait 1sec, the TIMER ON will be activated.

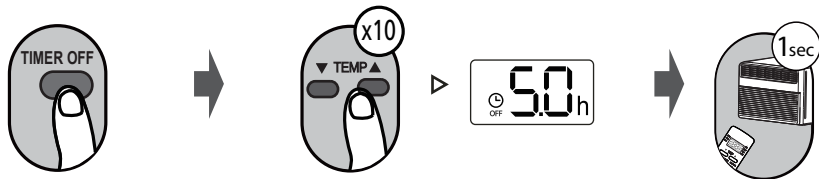


TIMER OFF setting

Press TIMER OFF button to initiate the off-time sequence.

Press Temp. up or down button for multiple times to set the desired time to turn off the unit.

Point remote to unit and wait 1sec, the TIMER OFF will be activated.

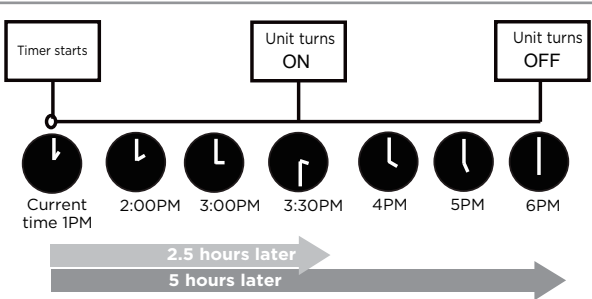
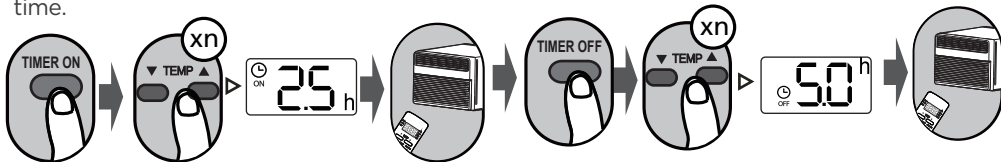


Note:

- 1. When setting the TIMER ON or TIMER OFF, the time will increase in 30 minutes increments with each press, up to 10 hours. After 10 hours and up to 24, it will increase in 1-hour increments. (For example, press 5 times to get 2.5h and press 10 times to get 5h,) The timer will revert to 0.0 after 24.
- 2. Cancel either function by setting the timer to 0.0h.

TIMER ON & OFF setting (example)

Keep in mind that the time periods you set for both functions refer to hours after the current time.



Example: If current timer is 1:00PM, to set the timer as above steps, the unit will turn on 2.5h later (3:30PM) and turn off at 6:00PM.

How to Use Advanced Functions

SILENT function



Press this button activate/disable Silence function.

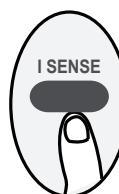
Due to low frequency operation of compressor, it may result in insufficient cooling and heating capacity. Press ON/OFF, Mode, Sleep button while operating will cancel silence function.

SLEEP function



The SLEEP function is used to decrease energy use while you sleep (and don't need the same temperature settings to stay comfortable). The sleep function is not available in Fan or Dry mode. Please refer to the OWNER'S MANUAL for more details.

I SENSE function



When the I SENSE function is activated, the remote displays the actual temperature at its location. The remote control will send this signal to the air conditioner every 3 minutes interval until press the I SENSE button again. When using AUTO, COOL or HEAT mode, measuring ambient temperature from the remote control (instead of from the indoor unit itself) will enable the air conditioner to optimize the temperature around you and ensure maximum comfort.

NOTE: Press this button for seven seconds to start/stop memory feature of I SENSE function.

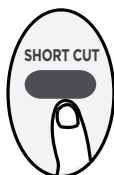
- If the memory feature is activated, "**ON**" displays for 3 seconds on the screen.
- If the memory feature is stopped, "**OF**" displays for 3 seconds on the screen.
- While the memory feature is activated, press the ON/OFF button, shift the mode or power failure will not cancel the I SENSE function.

ECO function



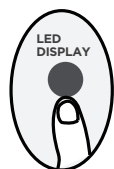
Press ECO button to initiate this function.
This function is available on COOL, DRY, AUTO
(only AUTO-COOLING and AUTO-FAN) modes.

SHORTCUT function



Used to restore the current settings or resume previous settings.
Push this button when remote controller is on, the system will automatic ally revert back to the previous settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).
If pushing more than 2 seconds, the system will automatically restore the current operation settings including operating mode, setting temperature, fan speed level and sleep feature (if activated).

LED DISPLAY



Press this button to turn on and turn off the display on the indoor unit.

Turbo Flash Function



When you press this button in COOL mode, the Turbo function will start. The unit will produce a large volume of air and high airflow, the temperature of the whole room will be reduced in a short time.



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The design and specifications are subject to change without prior notice for product improvement. Consult with the sales agency or manufacturer for details.